

Dow Chemical Company, 1000 Market Street, Philadelphia, PA 19103

Dow

Engineered Adhesive Films products



SARANEX

SARANEX® films provide a proven barrier to gases, water vapor and aromas. A layer of film produced from Saran® barrier resin is integrally coextruded between outer layers of polyolefins. The result is a product with the barrier properties of Saran combined with the machinability, printability and functionality of polyolefin skins.

SARANEX® films are well suited for such applications as cheese packaging, sausage chubbers and capliners. They offer excellent resistance to a wide variety of chemicals for chemical-resistant clothing. They can also be laminated to other films and substrates for additional barrier functionality. For more information on medical applications, please visit [Dow Medical Films](#).

Resource Library

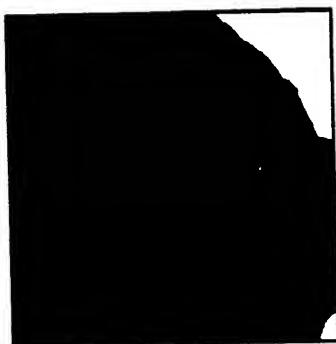
Protective Film Systems

Select a product below to download a technical datasheet:

Film Product	Description	Applications	Thickness	H ₂ O Transmission	O ₂ Transmission
<u>SARANEX® 14-P (15KB PDF)</u>	Multilayer, barrier film designed for use in chemical protective systems	Protective tape	51 (microns)	2.0 (mils) 3.1 (2)	0.2 (1) 0.8 (3) 12.4 (4)
<u>SARANEX 23-P (15KB PDF)</u>	Multilayer, barrier film designed for lamination and chemical protective systems applications	Protective clothing	2.0 (mils)	0.25 (1) 3.9 (2)	0.8 (3) 12.4 (4)
<u>SARANEX 23E</u>	Multilayer, barrier film	Capliner for metallic	2.0 (mils)		

PRODUCT FAMILY

INTEGRAL®
COVELLE®
TRENCHCOAT®
SARANEX



(14KB PDF)	designed for lamination and protective systems applications	bottle closure	51 (microns)	0.2 (1) 3.1 (2)	0.5 (3) 7.8 (4)
(1) g/100 in 2/day @ 100°F, 90% RH (2) g/m2/day @ 38°C, 90% RH (3) cm3/100 in 2/day/alm @ 73°F (4) cm3/m2/day/alm @ 23°C Barrier Films					
<u>SARANEX 11</u> (15KB PDF)	Multilayer, barrier film designed for use in packaging, converting, and industrial liner applications	Food packaging, chub packs, lamination	1.5 (mils) 38 (microns)	0.4 (1) 6.2 (2)	1 (3) 15.5 (4)
<u>SARANEX 14</u> (15KB PDF)	Multilayer, barrier film designed for use in packaging, converting, and industrial liner applications	Spill packaging, liners, chub packs	2.0 (mils) 51 (microns)	0.2 (1) 3.1 (2)	0.75 (3) 11.6 (4)
<u>SARANEX 14E Clear</u> (14KB PDF)	Clear, multilayer film for packaging	Food packaging, bag in box	2.0 (mils) 51 (microns)	0.2 (1) 3.0 (2)	0.5 (3) 8.0 (4)
<u>SARANEX 14E White</u> (14KB PDF)	White, multilayer, barrier film designed for general purpose barrier packaging	Capliner for metallic bottle closure	2.0 (mils) 51 (microns)	0.2 (1) 3.1 (2)	0.5 (3) 7.8 (4)
<u>SARANEX 14P</u> (15KB PDF)	Multilayer, barrier film designed for use in protective chemical systems	Protective tarp	2.0 (mils) 51 (microns)	0.2 (1) 3.1 (2)	0.8 (3) 12.4 (4)
<u>SARANEX 15</u> (15KB PDF)	Designed for use in form/fill/seal pouches and other bag applications and industrial liner applications	Candy wraps, bags	3.0, 4.0 (mils) 76, 102 (microns)	0.15 (1) 2.3 (2)	0.75 (3) 11.6 (4)
<u>SARANEX 21</u> (15KB PDF)	Multilayer, barrier film designed for lamination applications	Cheese bags	1.75 (mils) 44 (microns)	0.2 (1) 3.1 (2)	0.8 (3) 12.4 (4)
<u>SARANEX 23E</u>	Multilayer, barrier film	Capliner for metallic	2.0 (mils)	0.2 (1)	0.5 (3)

(15KB PDF)	designed for lamination and protective systems applications	bottle closure, protective clothing	51 (microns)	3.1 (2)	7.8 (4)
SARANEX 23P (15KB PDF)	Multilayer, barrier film designed for lamination and chemical protective systems applications	Protective clothing	2.0 (mils) 51 (microns)	0.25 (1) 3.9 (2)	0.8 (3) 12.4 (4)
SARANEX 27E (15KB PDF)	Multilayer, barrier film for lamination	Nutrition bag	4.0 (mils) 102 (microns)	0.1 (1) 1.6 (2)	0.2 (3) 3.5 (4)
SARANEX 46	Multilayer, barrier film for medical applications	Medical	4.0 (mils) 102 (microns)	1.3 (3) 20.2 (4)	1.3 (3) 20.2 (4)
SARANEX 50	Multilayer, barrier film for medical applications	Medical	3.0 (mils) 76 (microns)	0.2 (1) 3.1 (2)	0.8 (3) 11.6 (4)
SARANEX 52	Multilayer, barrier film for medical applications	Medical	3.0 (mils) 76 (microns)	0.2 (1) 3.1 (2)	0.8 (3) 11.6 (4)
SARANEX 114 (14KB PDF)	Multilayer, barrier film for lamination and packaging	Capliner for metallic bottle closure, ostomy	2.0 (mils) 51 (microns)	0.2 (1) 3.0 (2)	0.5 (3) 8.0 (4)
SARANEX 115 (13KB PDF)	Multilayer, barrier film for lamination and packaging	Food packaging, bag in box	3.0 (mils) 76 (microns)	0.2 (1) 3.0 (2)	0.5 (3) 8.0 (4)
SARANEX 116 (13KB PDF)	Multilayer, barrier film for lamination and packaging	Food packaging, bag in box	4.0 (mils) 102 (microns)	0.13 (1) 2.0 (2)	0.3 (3) 4.0 (4)

(1) g/100 in 2/day @ 100°F, 90% RH
 (2) g/m²/day @ 38°C, 90% RH
 (3) cm³/100 in²/day/ atm @ 73°F
 (4) cm³/m²/day/atm @ 23°C

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